

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, Sept. 28 to Dec. 4

1936
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Sept. 28, 1936.

Left Washington, D.C., 4.40 AM.

Sept. 29.

Arrived Chicago, Ill. 8.20 A.M.

Spent at Field Museum with
Logan. Looked up Alaskan wolves.
Visited Zoological Park.

Left Chicago, 9.15 AM

Sept. 30, in route

Early morning Kansas City. Late
afternoon Dodge City, Kas, and
late evening La Junta, Col.

Oct. 1

Arrived Flagstaff, Ariz. 5.10 AM.
Met by Luther who had driven
from California.

Oct. 2. Flagstaff, Ariz.

Conferred with Forest Service
Officials, especially Bob Monroe,
Deputy Supervisor. Wrote letters &
organized for trip.

Oct. 3. Flag to Marble Canyon ^{Ariz.}
Left Flagstaff 1:20 PM.
Morning devoted to completing
organization of outfit. Arrived
Marble Canyon 127 miles 6:30 AM.
Tire trouble delayed us 2 hours.

Oct. 4 Sun.

Left Marble Canyon, Ariz. 8:20 AM.
arrived St. George, Utah 5:30 PM.
Dist. tra.

Passed through Jim Nat. Park en route.

Oct. 5, Mon.

Left St. George, Utah, 9 AM and
crossed Virgin River, passed Wolf
Coke and Burdville and
climbed the Hurricane ^{near Hurricane} ~~to~~ ^{to}
the southern base of Mt.
Trumbull where we camped at
^{6500 feet}
Passed through a belt of Lower
Sonoran zone characterized by

Leovillea and other zone veg.
and ~~at~~ but soon climbed into
Upper Sonoran, characterized by
Lesioxyne, junipers and piñon
pines. Near Mt. Trumbull we
entered the Transition zone indicated
by yellow pine, *Quercus ulmifolia*,
but generally invaded by junipers,
and piñon pines as well as
Sonoran zone elements. Arrived about
5 P.M.

Dist. tra.

Set out some

Thomomys. Set out a few
traps in a little park-like area
where the soil was fairly soft.

Oct. 6, ^{Tue.} Near Nixon
Sp. Mt. Trumbull.

Thomomys. Only one obtained.
These gophers plug holes very

lightly so that traps are often left unopened.

Cyanocitta. Common.

Sialia arctica - Scum in ^{field} spr.

Sialia mexicana. In timber

Junco thurberii (Black-headed) Com.

Junco utahensis. Touched by frost and turning red and golden yellow. Big acorn crop falling.

Pinion pine. Big crop of nuts just falling.

Weather. Cool at night but days beautifully clear and warm - almost hot in the sun.

Corvus sinuatus. Common, flying about often two or three together. Mellow notes heard at intervals all day.

Oct. 7. Wed. ^{Thurs}
Trumbull, N. Mex. 1898.

Continued trapping mainly for pocket gophers.

Citellus grammurus. Scum in ^{edges of} lava beds. Holes also noted under logs.

Eutamias. *Reithro* common especially along edges of lava beds.

Colaptes cafer.

Glaucocheilus quana. Heard early evening.

Bubo. Heard at night.

Spizella socialis. A few seen in yellow pine timber.

^{Thurs}
Oct. 8. ^{Trumbull, N. Mex.} N. Mex. 1898.

Continued trapping mainly for gophers.

Columba fasciata - about 35 seen in pine

Oct 9th Nixon & I
to 3 mi. N. of Drained Butte
Colaptes fasciata
Lania

Leonardia olans, scarce
Harrowing hedge - started
down about 4 PM - made
descent in 15 minutes.

Accipiter cooperii - In
Prism south of Drained
Butte.

Return of Cal. 3 mi. N.
seen south of Drained
Butte.
Arrived about 5 PM.

Oct. 10
Remained at Drained Butte
Camp.

This is in lower part of Upper
Sonoran zone.

A few
Juncos - a few, but
country mainly open.

Oct. 11.
Melrose nearly 7200
Left Drained Butte Camp
3:35 PM.

Upper Son. zone at camp
Sage brush

Juncos
Pine bark

Amigos - Holes among
sage brush and clumps
sage brush.

Wolf Hole - just N.

Cross bridge about

500 yds. high, covered
with the native growth

of yucca & sagebrush

Springer.

Atalapha paradoxa

Dipodomys deserti at

Speedometer reading 7228

about 10 mi. N. of Wolf Hole.

Arrived 6 PM.

Sept 12
Left St. George Utah 13094
Mileage reading 17249

Drove up into Tumblekill
camp at lower edge of
juniper in Virgin Mts.

Route led up slope through
Lower Sonoran as indicated by
Cercocarpus etc to belt of
Cercocarpus and Yucca baccata.

arrived 4 PM

Oct. 13.

Remained at Tumblekill camp
in Virgin Mts.

Ammodendron leucum } seen

Eucalyptus

together among lower
juniper near camp.

Pinus

Juniper

Arctostaphylos red bark
leucocarpa

Zonotrichia where hawks had been
nest at spring.

Acacia greggii
Virgin mts. A little transition
zone on summit.

Yellow pine - a few
clearly visible on summit of
Mt. Bluffs.

Beaverdam mts. These extend
down into Ariz. but are almost
wholly Lower Sonoran - the
end of the range makes a narrow
gorge along Virgin River.

Oct. 14.
Left Virgin Mts Camp
4:10 PM.
Mileage 7322
Gas 1.00 gals.

Arr. 6 PM. ~~St. L.~~ Beaver Dam
near Fullfield Ariz.

Oct. 17
Left Beaver Dam, 3 PM.
Mileage 7346.
Gas 3 gals.
Arr. Las Vegas, Nev. 6 PM .72

Oct. 18. Sun. Las Vegas,

New
Leave Las Vegas, Nov. 11:10 ~~9:15~~ am.

Mileage 74.70 inc. side
trip of 26 miles to Overton gulch

Gas 10 gal — 2.10

Car washed & oiled 2.00

Arr. Kingman 4 PM

Gas 5 gal 1.20

Arr. Williams, 7:30 PM.

~~Gas~~

Oct. 19.
Left Williams 8.30 a.m.
Mileage 7715
Gas 10 gals; oil 1 qt. 2.65
Arr. Flagstaff, Ariz. 10. a.m.

Oct. 20
Remained Flagstaff. Flaming
still in progress. Reports &
canned.

Oct. 21.
Flagstaff to Camp Verde
Left Flag. 11.35 a.m.
Meter 7751
Leclumia fasciata - ~~the above~~
flock of about 50, sitting
in three pine trees near ruin of
Oak Creek Canyon 12 M.,
temperatures ariz.
Indian Gardens - state resort
in oak belt - good for work

Cottonwood } along shore
 Sycamore }
 willows }
 Prosopis
 Palo verde
 Road down Tonto Creek &
 Roosevelt Lake,
 Roosevelt Lake 10 a.m.
 Coffee bush
 Legumes
 White pelican About 12
 4 say with Lake,
 Udea herodias Roosevelt
 2 on mount 2 Roosevelt Lake
 Water ouzel - At " Dam
 Arrived Phoenix in P.M. about
 3 P.M.

Oct. 25
 Left Phoenix Ariz. 10.50 A.M.
 Meter 8057
 Lava extrusions even light -
 colored, perhaps calcareous
 formation near Gifford's Dam
 on the Gila.
 Arrived ~~Phoenix~~ ^{Flagstaff} 2 P.M.
 13 miles N. of Flag. ^{Flagstaff Range, Heard near Flag}

Oct. 26
~~Left Phoenix~~ ^{Left Flagstaff} 5 P.M.
 Meter 8164
 Arrived ~~Flagstaff~~ ^{Phoenix} 5.30 P.M.

Oct. 27
 Left Ajo 9.45 A.M.
 Meter 8188 Ajo
 " 8209 Grows in Mine
 Sign { 5 miles 28 miles - 9 mi
 { Jule Well 40 mi
 { Loma Alta 20 mi 59
 { Meter 8223

4

8827
8226

8261
8188
6) 73
12

Oct. 29
Left Agua Dulce Mts.
12 M.
Meter 8226
Arrived Apo 3 PM
Groceries Apo
Dinner 0.11

.39
1.75

at Meter at Apo, 8261
Arrived at Camp N. Apo 3:30 PM

Oct. 30
Left Camp N. Apo 6.10
Meter 8275
Arrived Posing 10.45 PM

Oct. 31
Run. Posing

Nov. 1
Left Phoenix 225 PM.
Meter 8383
Arrived Tucson 6 PM.

Nov. 2
Left Tucson 9 AM
Meter 8515.
Arrived points near Oracle
12 M.

Nov. 3.
Left Oracle 1150 AM
Meter 8578
Arrived 6 PM Mammoth & ponds
near

Nov. 4
Left Mammoth Camp 10 AM
Meter 8604
Drove up along San Pedro River

Valley to Sacaton Ranch over
a rough road. Had good
views of Galiuro Mts. From
Sacaton Ranch turned out of
valley to Oracle and thence
back to Tucson, arriving 6 PM

Nov. 5
Left Tucson 11:30 AM,
Meter 8696
Arrived Phoenix via Ajo, 7 PM

Nov. 6
Left Phoenix, 11.35; arr. Salome 6 PM
Meter 8945
Westingburg for lunch about
1 PM.

Vulture Mts., near Westingburg
Tucson Sonoran.

Beck's Eye Game Peak -
a peak through a peak -

Forest sparse.

Veg. sparse - mostly low-lying
mesquite, cholla (Ordway),
Palo Verde

Giant cactus (scattered)

Acotillo

Amma Harris

Harguachala Mts. Learned at Wenden
that the Smithsonian maintained an
observatory on top that was
reached by a trail from the base.

about

Thomson's. Ten miles west of
Hope found some gopher signs
at type locality of Perognathus.
Set 12 traps along highway and
returned to pass the night at
Salome.

Nov. 7,
Left Salome for traps 8:30 A.M.
Miles 90 88
Returned 1 P.M.

Nov. 8
Left Salome for trip 8:30 A.M.
Miles 91 27
alt. 1250 near Holton
Rancho Plevins
Ret 1 P.M.

9423

9419
9459
9260

9417
9292

8) 127
16

Nov. 9

Left Salome 12.30 P.M.

Meter 9159

Arr. Yucca 7.30 P.M.

Road via Bouse, Swansea and Plant Ranch on Williams River. Through rugged but low hills near Swansea and down rather steeply to narrow Williams River Valley. Troops of corn have been raised at Plant Ranch and we looked in vain in old fields for signs of pocket gophers. From river which was easily crossed, as it contained little water, we ascended gradually over a ridge about 3000 ft in altitude through a veritable forest of true yuccas. Thence the road descended to Yucca.

Phalaenophilus. After dark we came

upon about half a dozen of these birds at intervals but in one place two were seen sitting in the road their eyes glowing red in the light from the headlights on the car. They allowed us to approach quite near and at high speed they would have been in considerable danger of being struck by the car.

Ammo. harrisi. Several seen running across or along road near Williams River. Habit of carrying comparatively long tail elevated with the tip turned slightly backward was noted.

Falco b. cal. ^{no} noted near Williams river.

Falco spar. Several seen near Williams River.

Stopped for night at a small place run by an Arizona Mexican.

Nov. 10

Left Yucca 9 A.M.

Meter 9292 ~~9 A.M.~~

Arr. 3 P.M. Wikieus

Falco spar. - near Yucca
Brosopys calif., 20 mi. SE of Yucca. Crossed road.

Ammo - Among mesquite junipers & Yuccas 10 A.M. Not of Signal.

Some part of Big Sandy ranch

Nov. 11

Left Wikieus 5.15 P.M.

Meter 9361

Arr. 7 P.M. Kinoan.

Route was gradually up the broadening valley of the Rio Grande and around the north end of the Huachuapimonte to Kinoan.

Nov. 12
Left Kingman 7.45 AM.
Miles 9419

Arrived Salome 9 P.M.

Route was from Kingman down to Mohave Indian School near the Colorado, then to Hopack and out about 10 miles to northern end of Mohave Mts, south of the group of peaks known as the Needles.

Mohave Mts are granite in character, heavily decomposed and of the type that lend to bury themselves in contrast with the Needles which are of less friable formation.

Packet gophers, hatched on river bottoms and along granite masses leaving up to near

$$\begin{array}{r} 10056 \\ 9900 \\ \hline 10) 1566 \end{array}$$

$$\begin{array}{r} 9900 \\ 9694 \\ \hline 10) 206 \end{array}$$

$$\begin{array}{r} 128 \\ 56 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 10168 \\ 9900 \\ \hline 17) 268 \quad (15 \\ 17 \\ \hline 98 \\ 85 \end{array}$$

$$\begin{array}{r} 10168 \\ 9900 \\ \hline 10168 \\ 9694 \\ \hline 474 \end{array}$$

$$\begin{array}{r} 10168 \\ 10056 \\ \hline 7) 112 \\ 16 \end{array}$$

Mohave Mts. in vain for
gophers. Conditions along river
bottoms near Popock appear
excellent and it is probable
the gophers are absent.
Return to Salome through
California Territory.

Nov. 13.
Left Salome 8.30 a.m.
Meter 9694
Arr. Phoenix 11 a.m.

Nov. 14
Left Phoenix 12.45 p.m.
Meter 9808
Arr. Gila Bend 2 p.m.

Nov. 15
Trip near Gila Bend
Meter 9901 - left 7.45 am. - ret'd,
1 pm.

Nov. 16
Trip to traps, Gila Bend
Meter 9920

Left Gila Bend, 4.10 PM.

Meter 9930

Arr. Yuma 6.30 PM

Nov. 17

Left Yuma 7 AM

Meter 10056

Arr. Quartzsite 10.10 AM.

Veg. - *Acacia lehmannii* (old D),
Ironwood, Palo Verde, giant
cactus.

Scarcely extremely arid.
Meter at Quartzsite 10145

Meter at Blythe 10/68

Gas " " 7 gals 1.47

Gas at LA 12 3/4

1.39

Meter 10398

Arrived LA 5 PM

Nov. 18

Remained at Los Angeles, began
annual leave 4:30 PM.

Nov. 19 On leave.

Drove L.A. to Berkeley

Nov. 20

Remained in Berkeley

Nov. 21

Drove to Ranch

Nov. 22

At Ranch.

Nov. 23
Drove back to G.A.

Nov. 24 9am
Resumed official duty in Los Angeles, & Pasadena. Family left for home.

Nov. 25
At Cal Tech, drove in evening to San Diego with A.D. Sam Proctor & wife

Nov. 26 (Thanksgiving)
Spent most of day at Museum

Nov. 27
Spent most day at Museum. Met Douglas Clinton. Abbott and had luncheon with him.

Nov. 28 (Sat)
Finished at Museum,
Stayed at Hotel Ocean Village
on beach.

Noted on beach:

Sayornis nig.
Numenius (Hudsonian)
Plover (blk-bellied)
Mocking Bird
Marbled Godwit
Western Willet

Nov. 29 (Sun).

Returned from San Diego to
Paradise - attended dinner
given by Florence V. V. Dickey
at Badley's in evening. ^{also}
guests: ^{Mr.} Dillman and Marguerite
Hachisuka.

Nov. 30 (Mon).

Completed work at local bank
and in evening (8.45) took
train for Washington. A J.
van Rossum and wife came to
depot to see me off.

Dec. 1 to Dec. 4

En route Paradise to Washington
D.C. - arrived on 4th at
2 P.M.

$$\begin{array}{r}
 10645 \\
 6777 \\
 \hline
 3368 \\
 4 \\
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 134.72
 \end{array}$$

$$\begin{array}{r}
 91 \\
 78616 \\
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 6516 \\
 915 \\
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 7266
 \end{array}$$

$$\begin{array}{r}
 804 \\
 12611 \\
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 6115768 \\
 6516
 \end{array}$$

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 96 \\
 56 \\
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 71 \\
 71-552691 \\
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 8592 \\
 8945
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